

### **Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of the claims in the application:

### **Listing of Claims:**

1. (Currently Amended) A method comprising  
receiving a request for a ~~service~~ transaction involving a plurality of service  
providers at a ~~network transaction portal~~;  
~~controlling the transaction from the network transaction portal by remotely~~  
~~executing methods associated~~ associating ~~with the transaction~~  
~~including routing to a plurality of distributed networked objects~~  
~~containing methods associated with the transaction~~;  
fulfilling the transaction by communicating with the plurality of service  
providers; and  
routing information associated with the transaction to ~~via at least one link~~  
~~through a common network application functionally interposed between~~  
~~a client network access device and the plurality of networked objects~~  
~~that controls the transaction.~~
2. (Currently Amended) The method of claim 1, wherein fulfilling ~~controlling~~ the  
transaction includes communicating with a virtual information store ~~via a~~  
~~network protocol~~ to determine a network address for ~~a networked object~~ at  
least one of the plurality of networked objects.
3. (Currently Amended) The method of claim 1, wherein fulfilling ~~controlling~~ the  
transaction includes using a ~~stub~~ at least one networked object to enable a

transactional application ~~remote execution of a method of a corresponding skeleton object that is associated with the transaction.~~

4. (Currently Amended) The method of claim 3, further comprising ~~wherein using the stub object includes using the stub object to interact~~ interacting with a networked object of a first service provider and a networked object of a second service provider.
5. (Currently Amended) The method of claim 3, further comprising ~~creating~~ using the ~~stub~~ networked object in real-time using a meta-compiler and ~~transmitting the stub object to the network transaction portal.~~
6. (Currently Amended) The method of claim 1, wherein fulfilling ~~controlling~~ the transaction includes controlling an ~~N-way~~ interactive transaction among the ~~an~~ integer plurality N of service providers.
7. (Currently Amended) A machine-readable medium having stored thereon data representing sequences of instructions that when executed cause a machine to:  
  
receive a request for a ~~service~~ transaction involving a plurality of service providers at a ~~network transaction portal~~;  
  
~~control the transaction from the network transaction portal by remotely~~  
  
~~executing methods associated~~ associating ~~with the transaction~~  
  
including routing to a plurality of distributed networked objects  
  
~~containing methods associated~~ with the transaction;  
  
fulfill the transaction by communicating with the plurality of service providers;  
  
and

route information associated with the transaction to via at least one link  
~~through a common network application functionally interposed between~~  
~~a client network access device and the plurality of networked objects~~  
~~that controls the transaction.~~

8. (Currently Amended) The machine-readable medium of claim 7, wherein the instructions to fulfill ~~control~~ the transaction include ~~further comprise~~ instructions to cause ~~causing~~ the machine to communicate with a virtual information store ~~via a network protocol~~ to determine a network address for a ~~networked object~~ at least one of the plurality of networked objects.
9. (Currently Amended) The machine-readable medium of claim 8, wherein the instructions to fulfill the transaction include ~~control further comprise~~ instructions ~~causing~~ to cause the machine to use ~~a stub~~ at least one networked object to enable a transactional application ~~remote execution of a method of a corresponding skeleton object~~ that is associated with the transaction.
10. (Currently Amended) The machine-readable medium of claim 7, wherein the instructions to fulfill the transaction ~~control further comprise~~ include instructions ~~causing~~ to cause the machine to control an ~~N-way~~ interactive transaction among ~~an integer~~ the plurality N of service providers.
11. (Currently Amended) A method comprising:  
receiving a request ~~at a network transaction portal~~ for a transaction involving a plurality of service providers on a service network ~~from a client access~~

~~device, the service network including a first service provider and a second service provider;~~

registering with an object router configured to route information that routes to  
~~remote networked objects~~ associated with the transaction;

~~creating controlled links between the client access device and a plurality of~~  
~~nodes each having an object associated with the transaction via the~~  
~~network transaction portal that is functionally interposed between the~~  
~~client access device and the plurality of nodes by routing to the object~~  
~~of each node;~~

~~remotely executing methods associated with each object; and~~

associating a plurality of networked objects with the transaction;

using at least one networked object to enable a transactional application that  
is associated with the transaction; and

receiving transaction results.

12. (Currently Amended) The method of claim 11, ~~wherein creating controlled links includes~~ further comprising using ~~a~~ an application-accessible virtual information store that contains an object identity ~~identification~~ and a network address assigned to each networked object ~~to determine the network address of each object and route to the network address.~~
13. (Currently Amended) The method of claim 12, wherein using the ~~application-accessible~~ virtual information store includes using a distributed on-line service information base (DOLSIB).
14. (Currently Amended) The method of claim 11, further comprising accessing the networked object using its ~~at the obtained~~ network address.

15. Cancelled
16. Cancelled
17. (Currently Amended) The method of claim 11, wherein ~~executing includes~~  
~~executing the~~ a transaction includes services involving a plurality of distributed  
~~networked objects associated with service methods of each of the~~ a plurality  
~~of service providers by routing to each of the~~ plurality of distributed networked  
~~objects via a common network application at the network transaction portal~~  
~~that controls the transaction.~~
18. (Currently Amended) A system comprising:  
an interface of a network transaction portal to a client network access device  
to receive a request for a transaction from the access device; and  
a transactional application of the network transaction portal ~~corresponding to~~  
~~the transaction, the transactional application functionally interposed~~  
~~between the client network access device and a plurality of service~~  
~~providers corresponding to the transaction~~ configured to control access  
to a plurality of service providers ~~control access to and remote~~  
~~execution of methods associated with and~~ networked objects  
associated with the transaction ~~service providers.~~
19. (Currently Amended) The system of claim 18, wherein the transactional  
application ~~includes a router~~ is configured to use a DOLSIB to route to a  
plurality of distributed networked objects ~~each having a method associated~~  
~~with the transaction.~~

20. (Previously Presented) The system of claim 18, further comprising a switch in an application layer of a layered network communications model to switch to the transactional application after receiving the request.
21. (Currently Amended) The system of claim 18, further comprising a ~~remote~~ networked object associated with the transaction functionally interposed between the network transaction portal and an enterprise computer system of a service provider participant to interface with the enterprise computer system and utilize data of the enterprise computer system ~~in a method~~.
22. (Previously Presented) The system of claim 18, wherein the networked objects comprise a plurality of geographically distributed objects including object-oriented software objects.
23. (Currently Amended) The system of claim 22, wherein the networked objects ~~further comprising a stub object corresponding to the one of the plurality of geographically distributed objects to allow remote access to the~~ at least one of the plurality of geographically distributed objects.
24. (Currently Amended) A system comprising:  
a server to store software and to execute software instructions; and  
network transaction portal means for controlling ~~to control~~ a service involving  
a plurality of service providers by ~~controllably~~ routing information  
associated with a transaction to a plurality of networked objects  
associated with the plurality of service providers.
25. (Currently Amended) The system of claim 24, wherein the network transaction portal means includes a network application ~~and wherein the network~~

~~transaction portal means is a network transaction portal means to route via a  
at least one controlled link through a common network application.~~

26. Cancelled

27. (Currently Amended) The method of claim 1, wherein fulfilling ~~controlling~~ the transaction ~~comprises~~ includes ~~controlling and managing cooperation and interaction among the service providers including~~ selectively routing the information to and involving the service providers in the transaction.